

Figure 1a

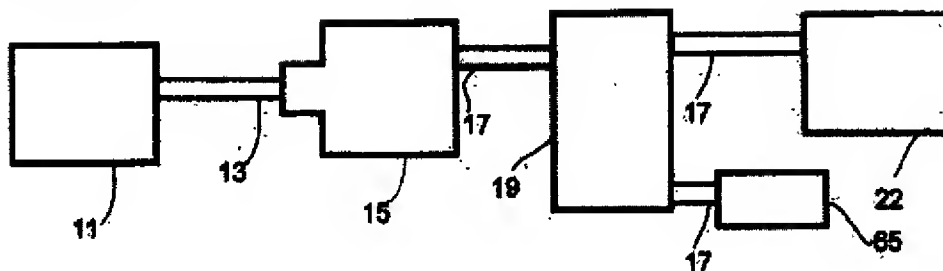


Figure 1b

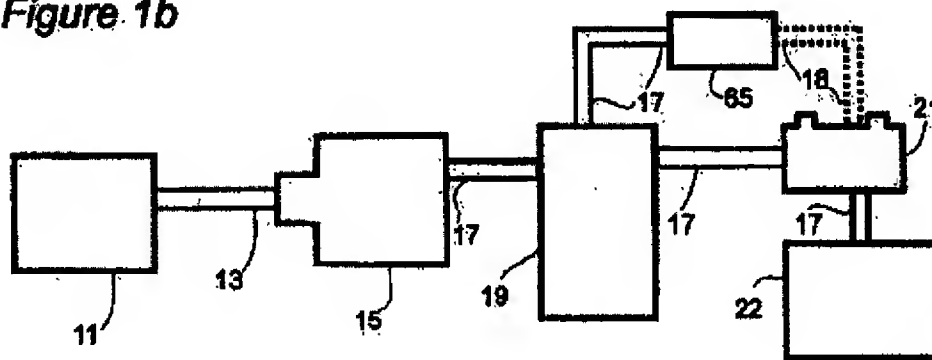


Figure 1c

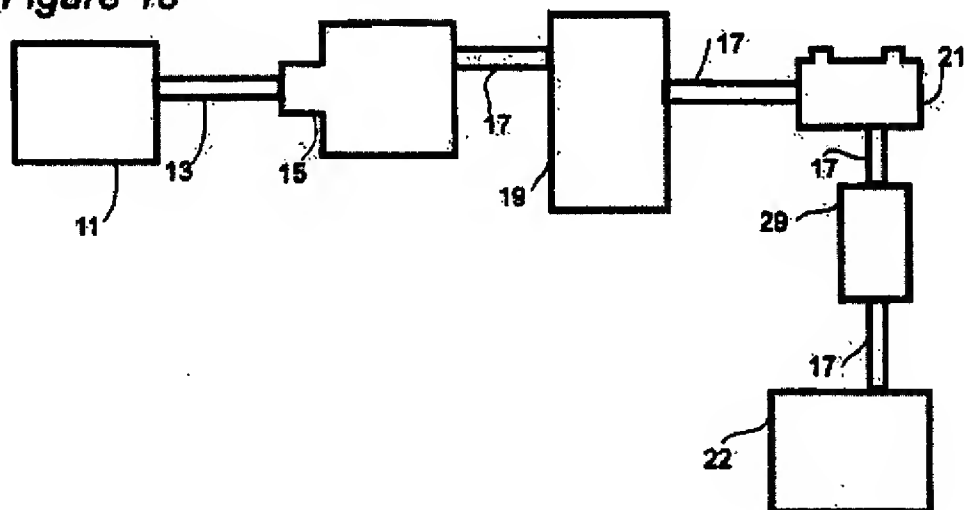


Figure 1d

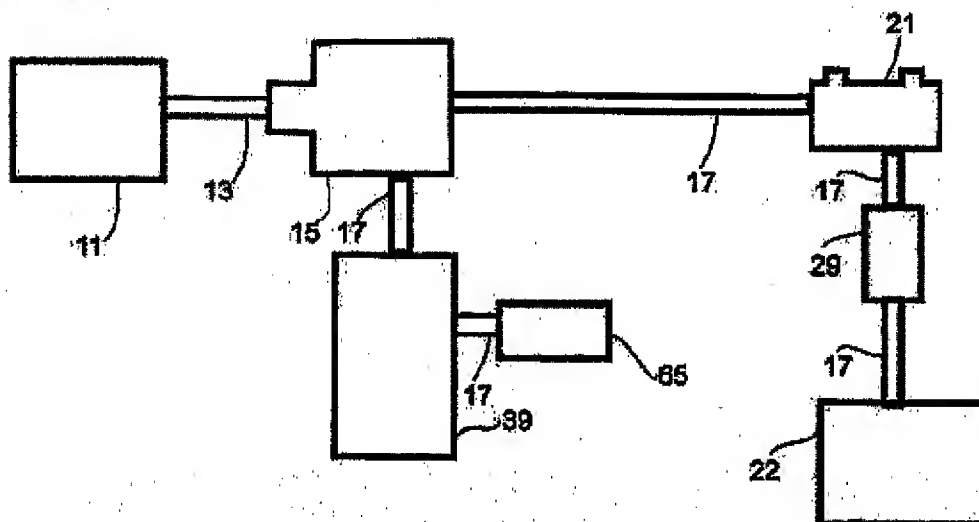


Figure 1e

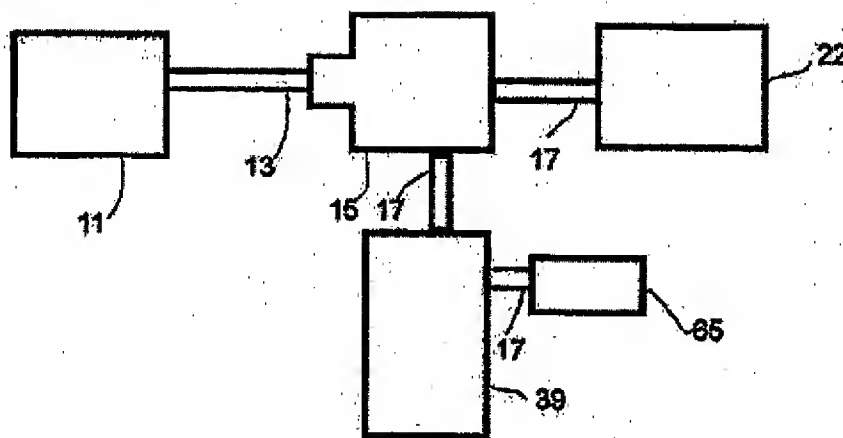


Figure 1f

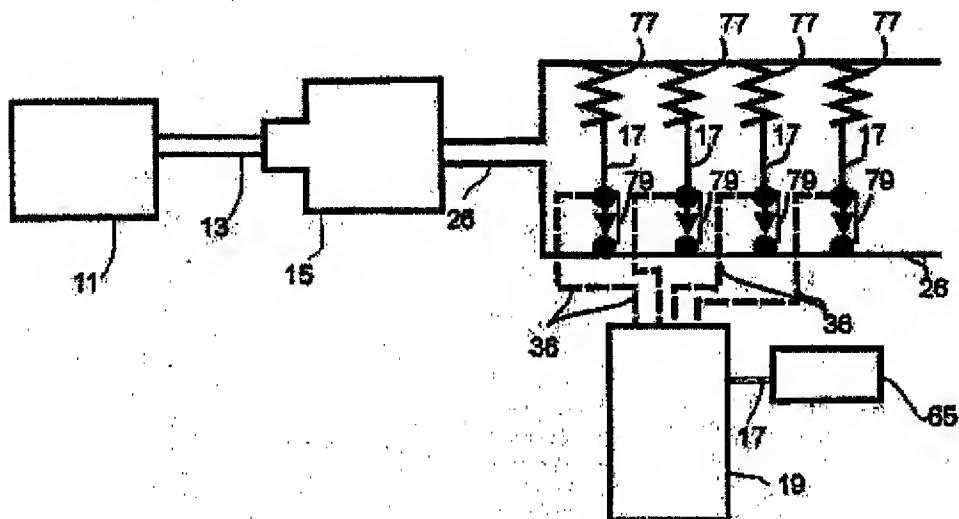


Figure 1g

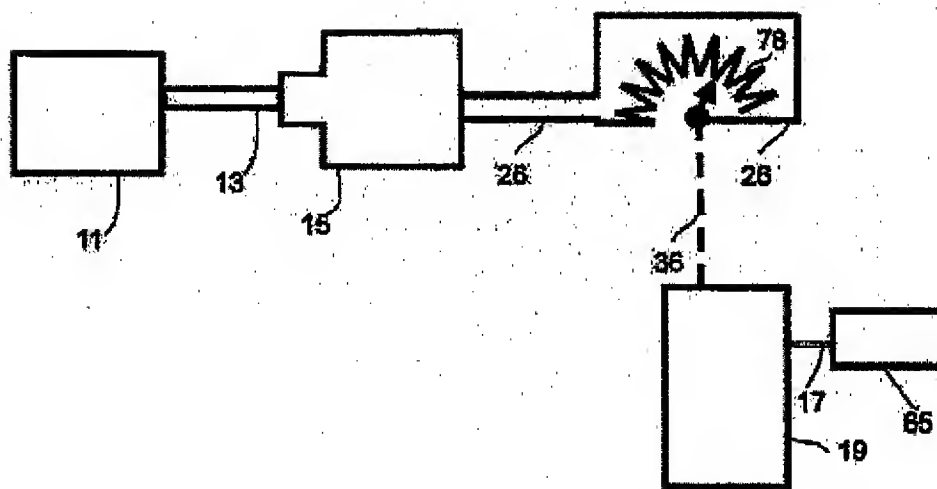


Figure 1h

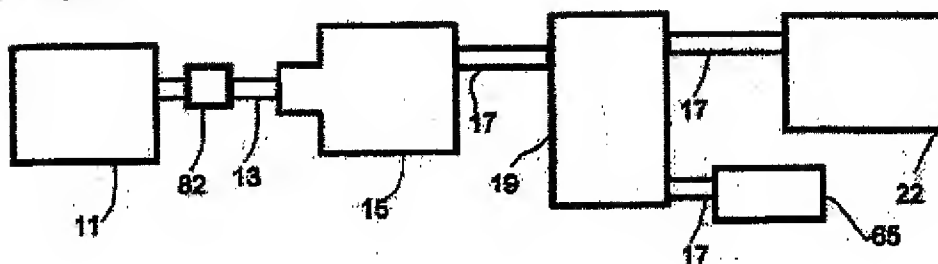


Figure 9a

PRIOR ART

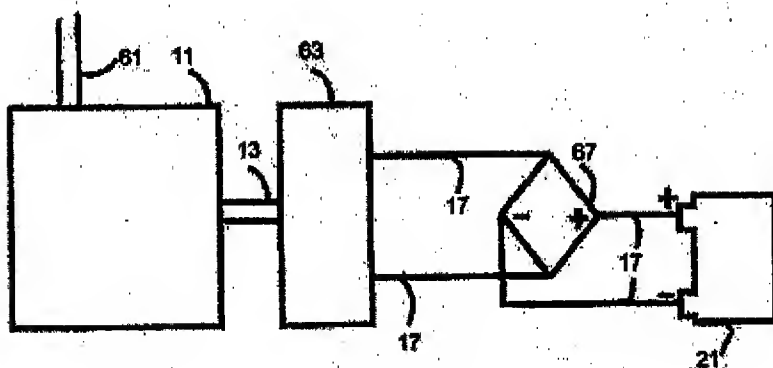


Figure 2a

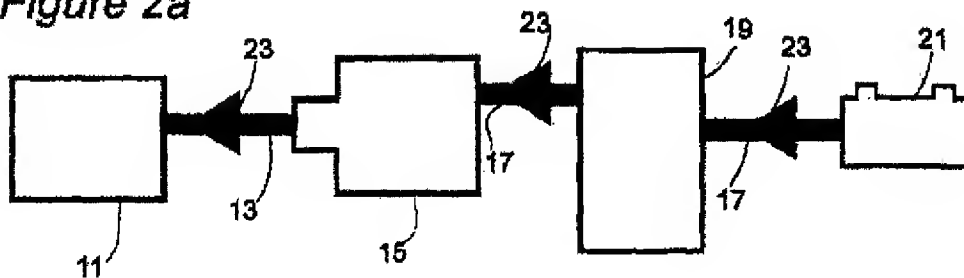


Figure 2b

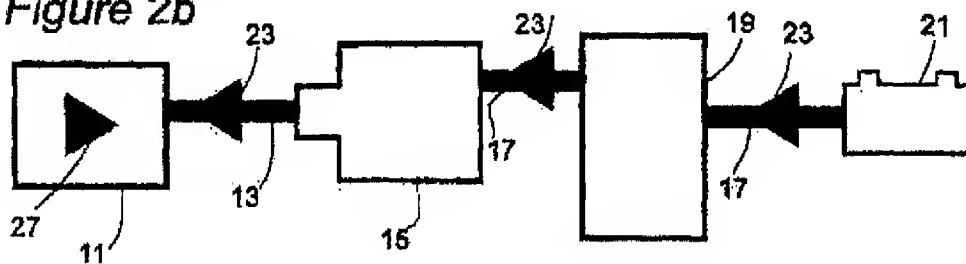


Figure 2c

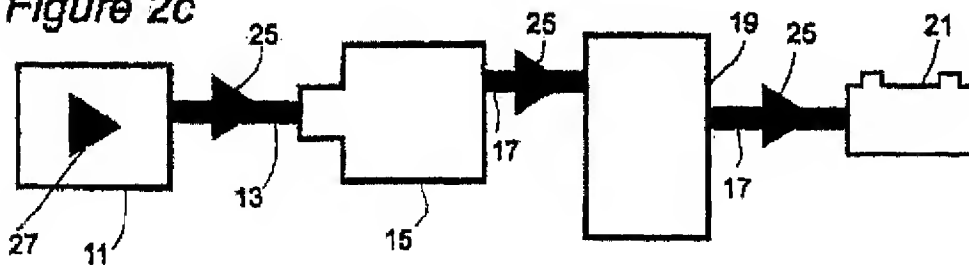


Figure 2d

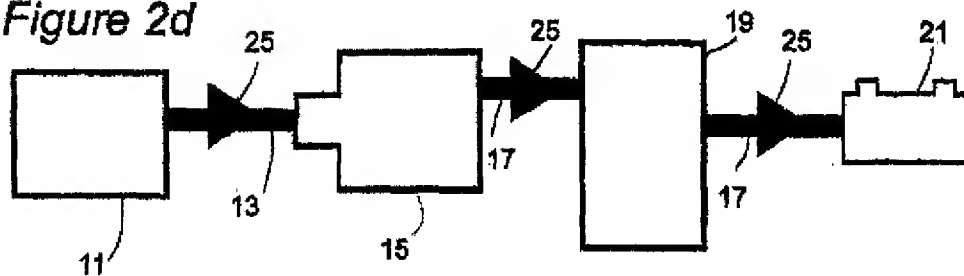


Figure 3

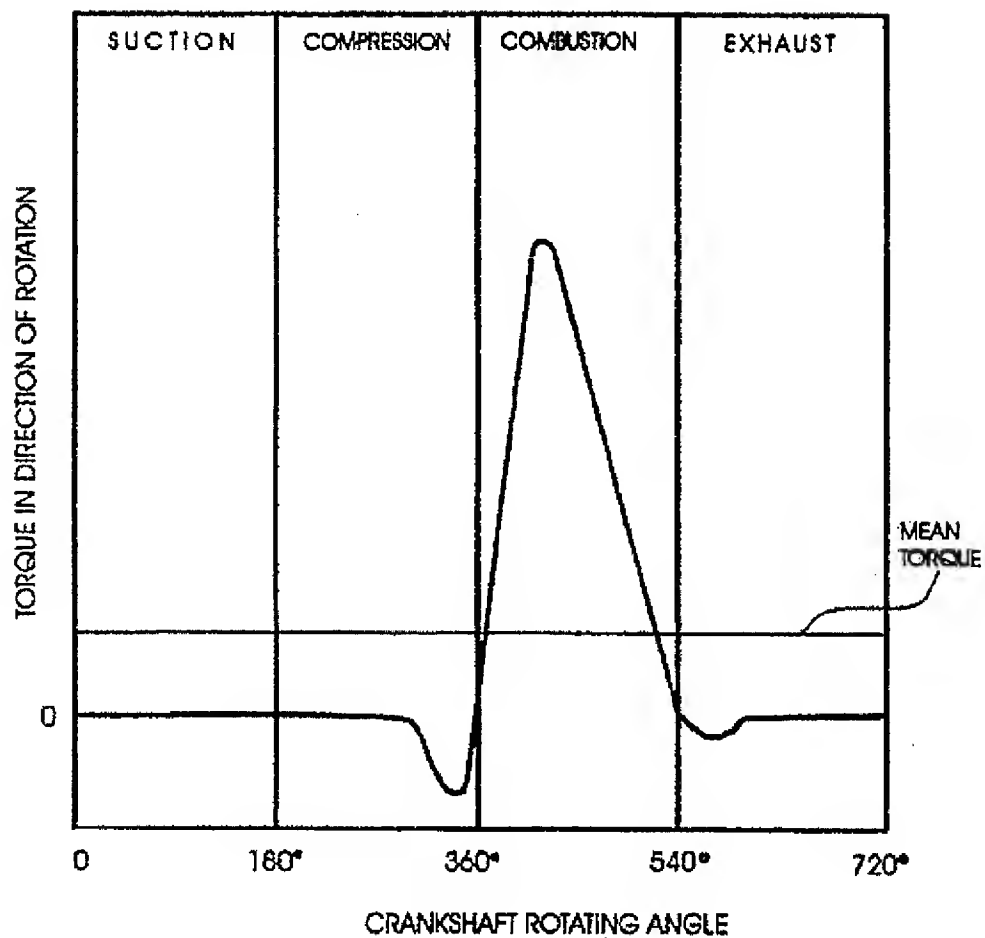


Figure 4

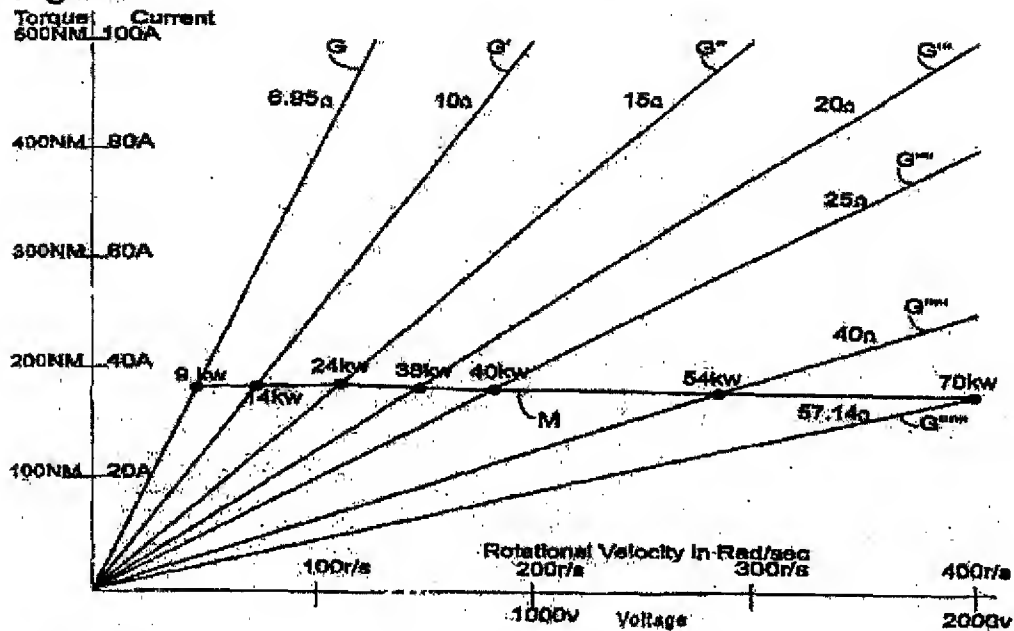


Figure 5

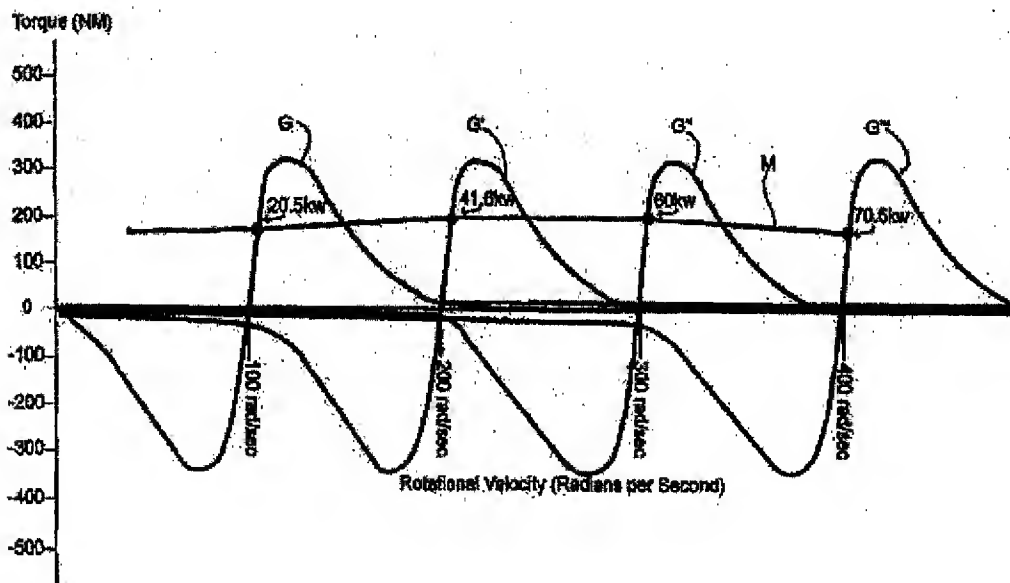


Figure 6

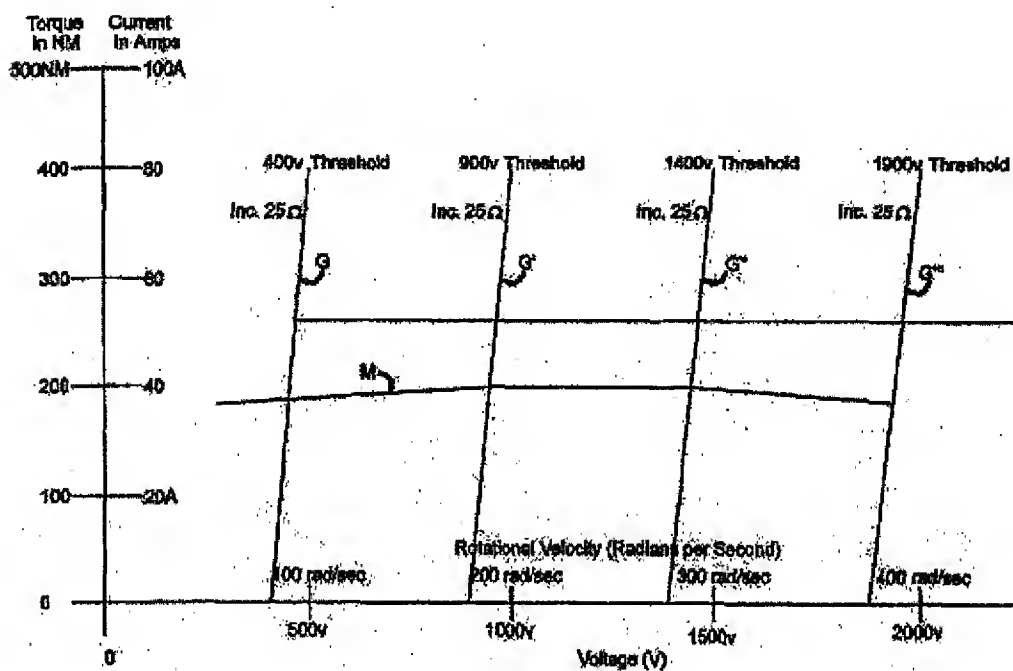


Figure 7

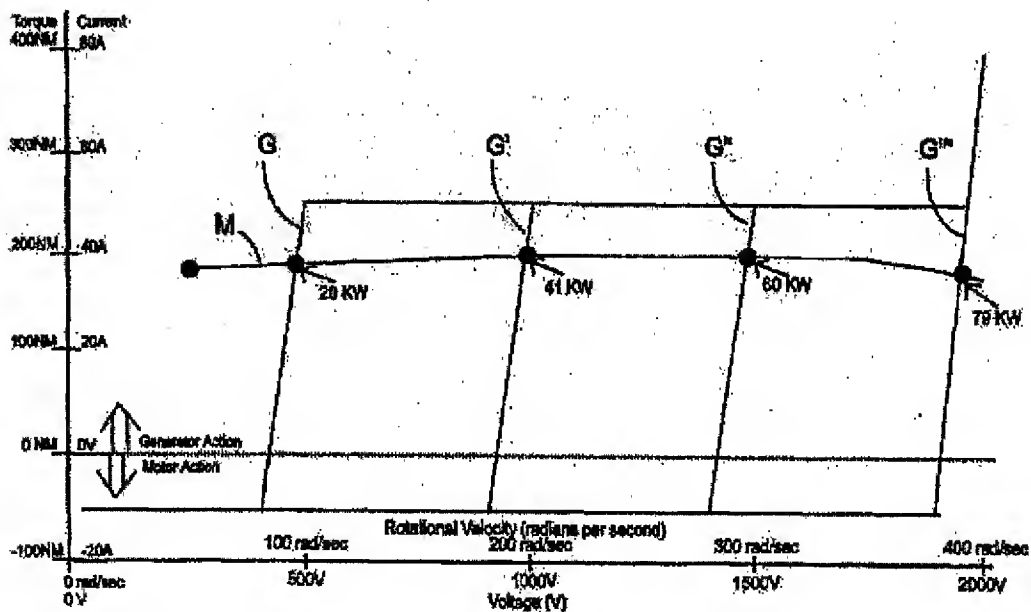


Figure 8a

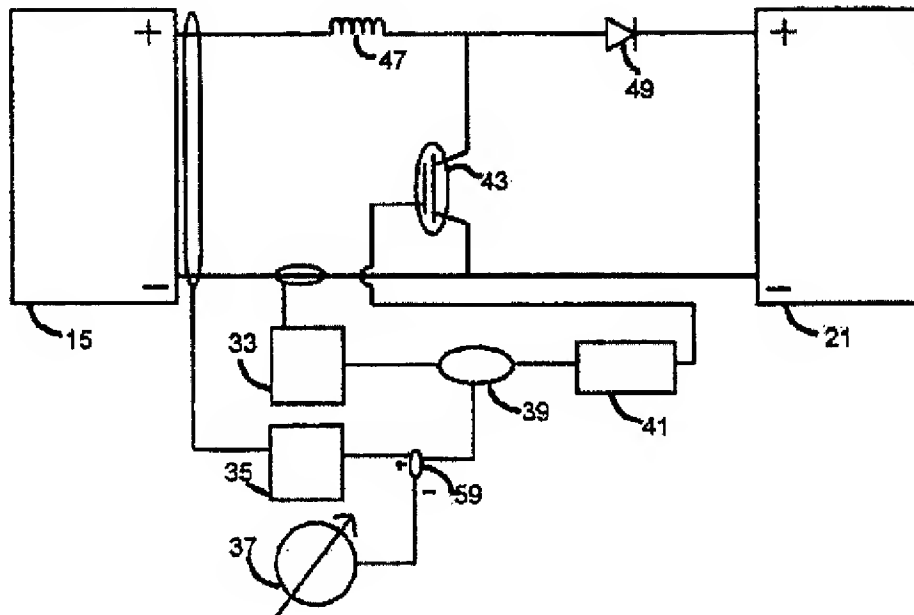


Figure 8b

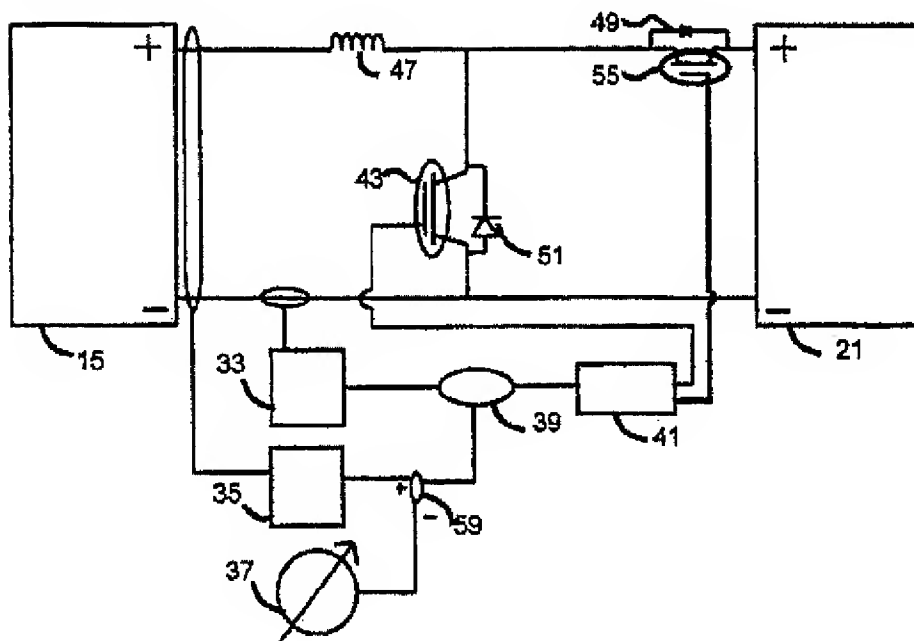


Figure 10

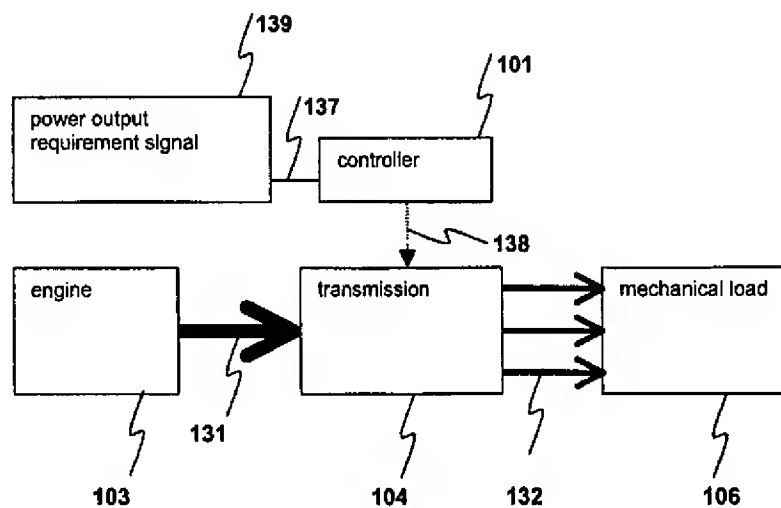


Figure 11

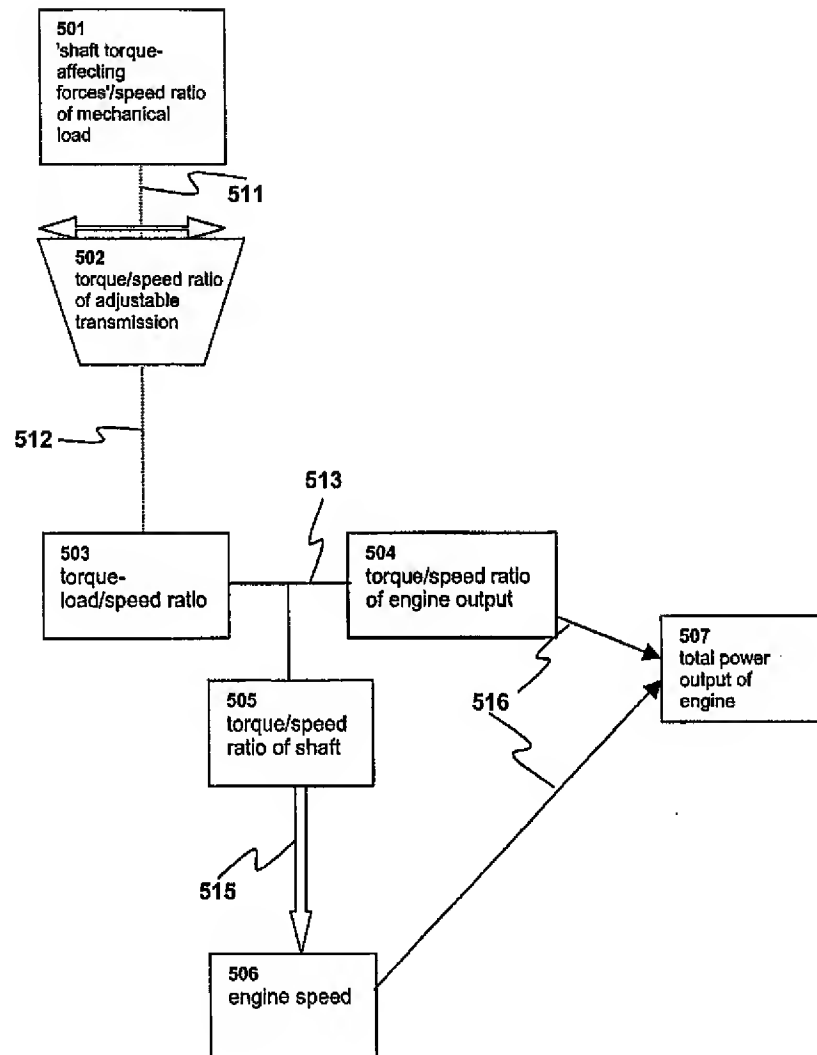


Figure 12a

step 0 is there a difference between required total power output and total power output?
yes go to step 1
no remain at step 0
step 1 is required total power output greater than total power output?
yes go to step 2
no go to step 3
step 2 increase transmission ratio and wait predetermined time period. Return to step 0
step 3 decrease transmission ratio and wait predetermined time period. Return to step 0

Figure 12b

step 0 is there a difference between required total power output and total power output?
yes go to step 1
no remain at step 0
step 1 is required total power output greater than total power output?
yes go to step 2
no go to step 5
step 2 is the difference greater than x?
yes go to step 3
no go to step 4
step 3 increase transmission torque/speed ratio by Group of Gears and wait predetermined time period. Return to step 0
step 4 increase transmission torque/speed ratio by One Gear and wait predetermined time period. Return to step 0
step 5 is the difference greater than x?
yes go to step 6
no go to step 7
step 6 decrease transmission torque/speed ratio by Group of Gears and wait predetermined time period. Return to step 0
step 7 decrease transmission torque/speed ratio by One Gear and wait predetermined time period. Return to step 0

Figure 13

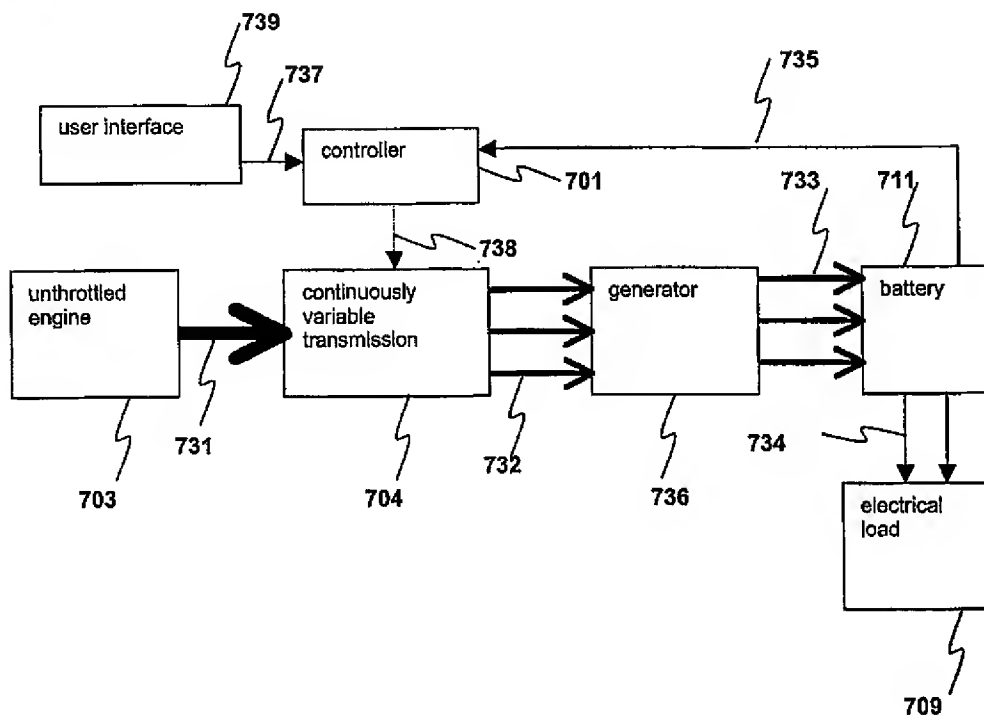


Figure 14

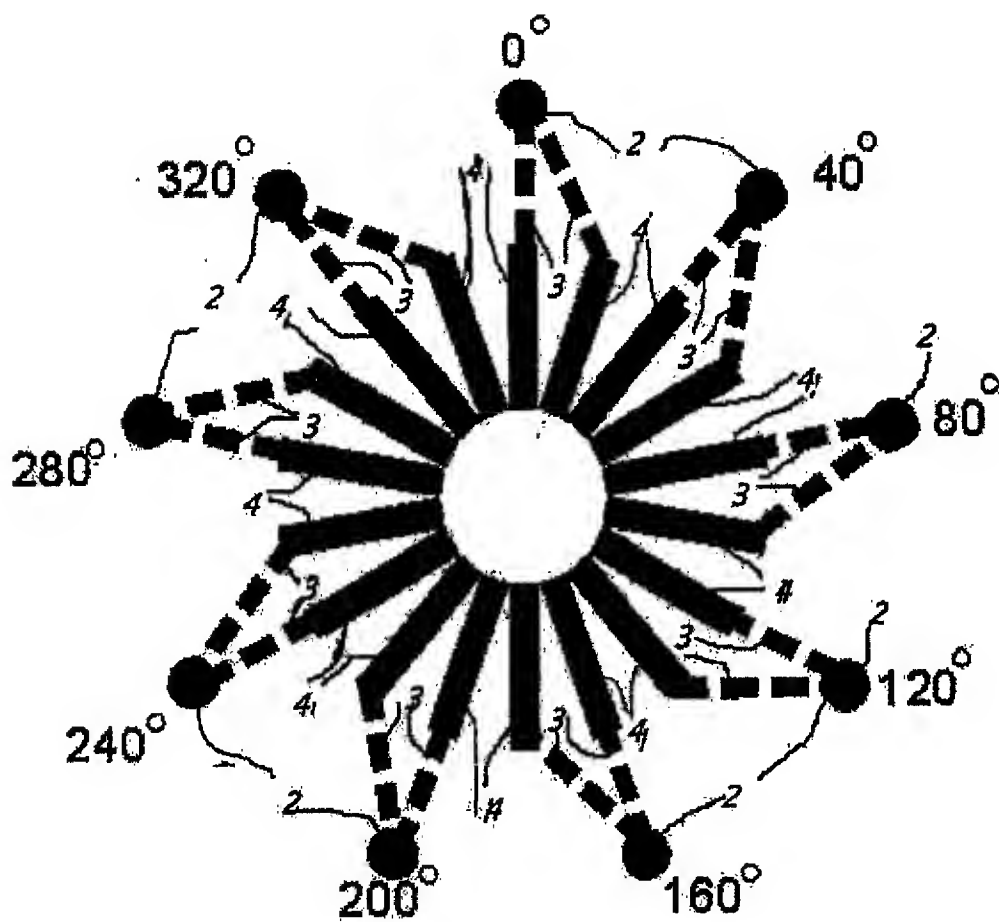


Figure 15A

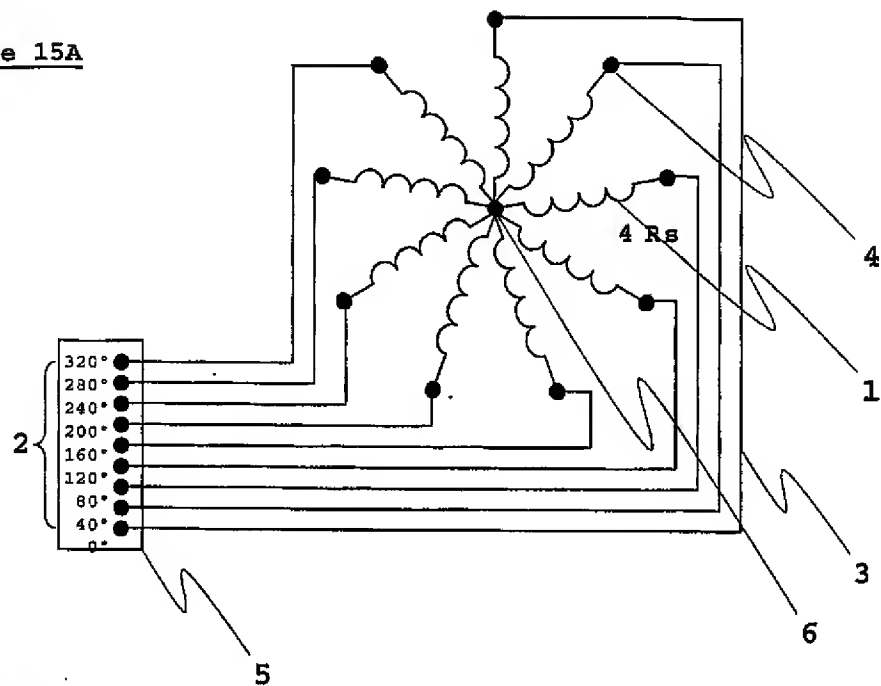


Figure 15B

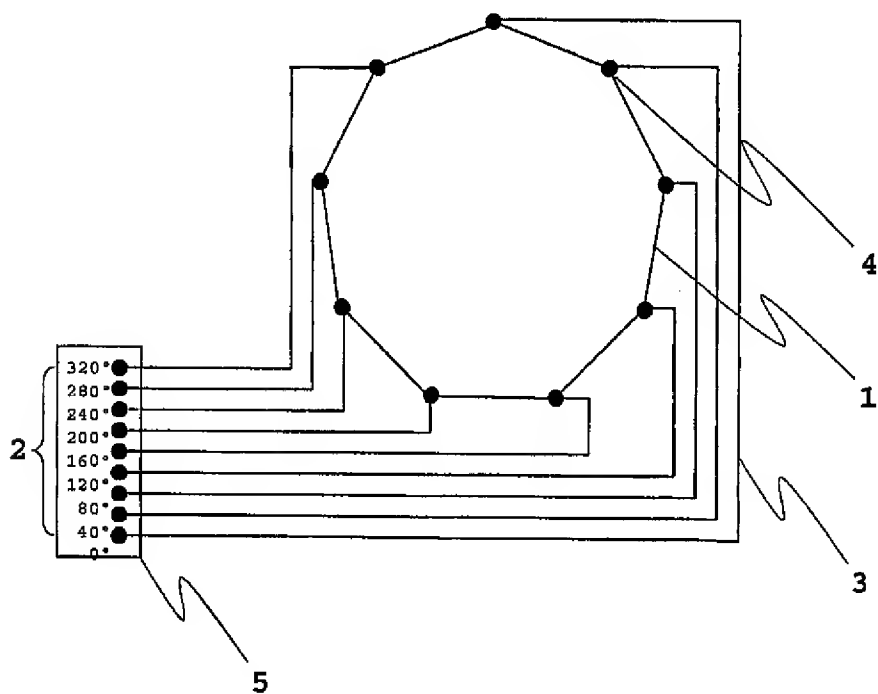


Figure 15C

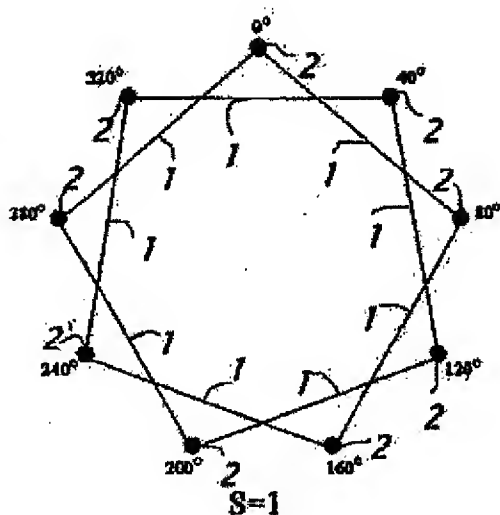


Figure 15D

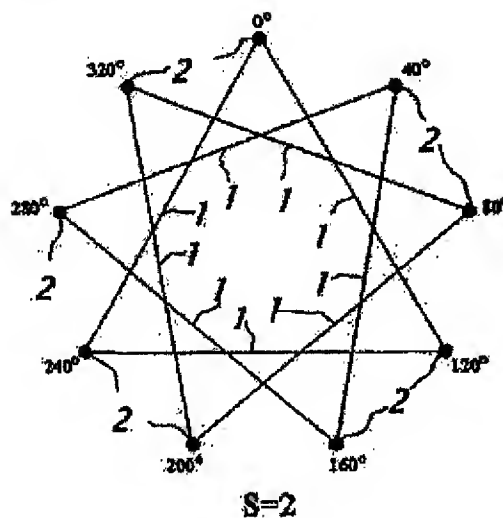


Figure 15E

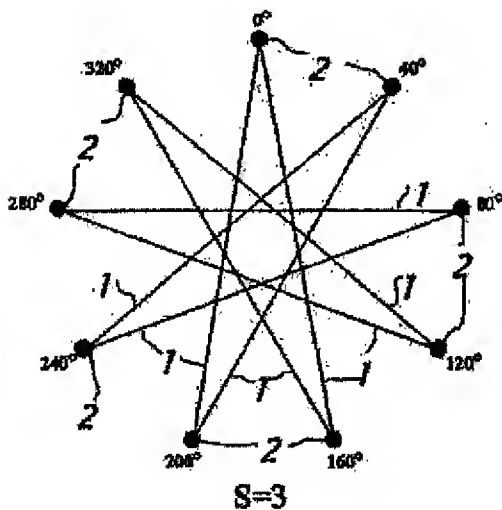


Figure 16A

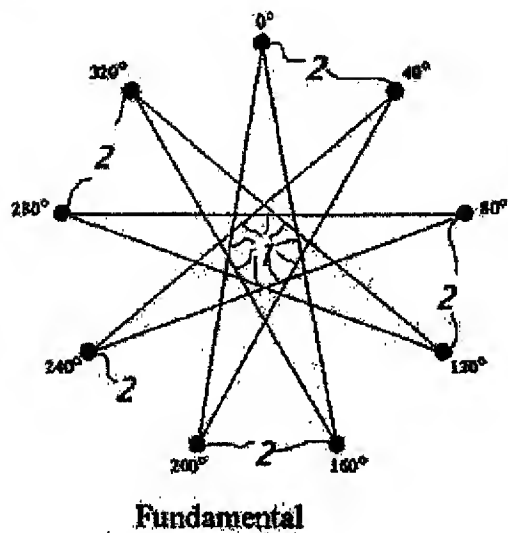


Figure 16B

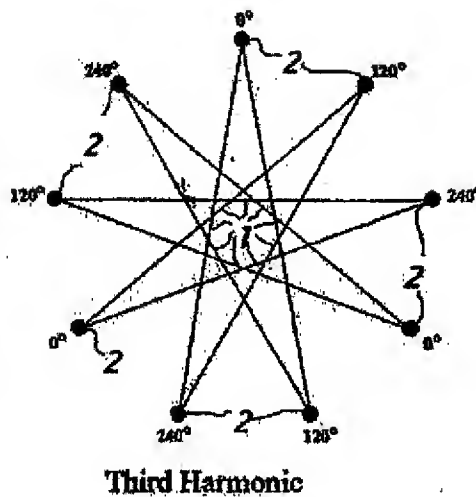


Figure 16C

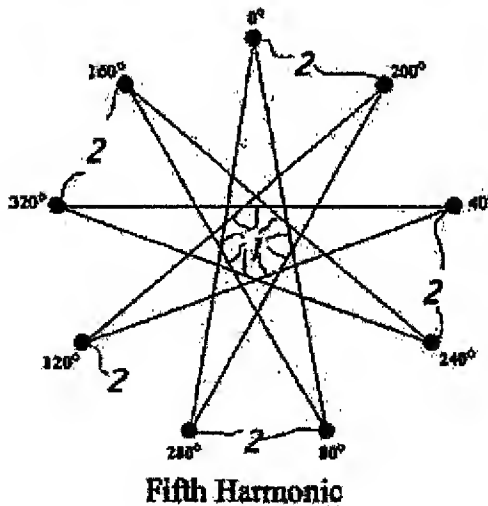


Figure 16D

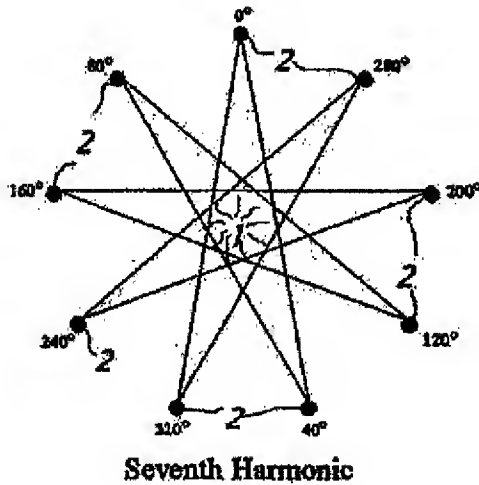


Figure 17A

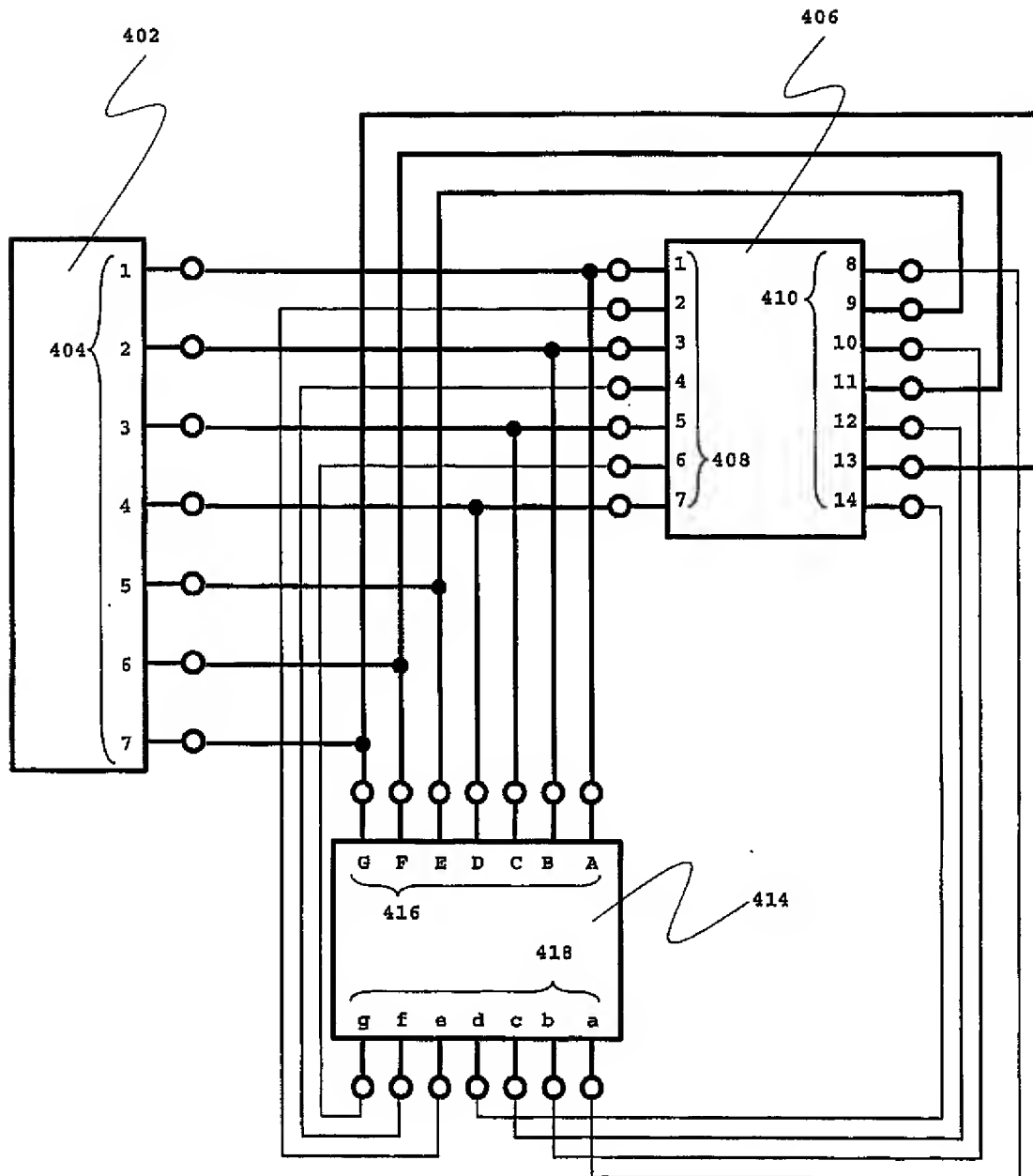


Figure 17B

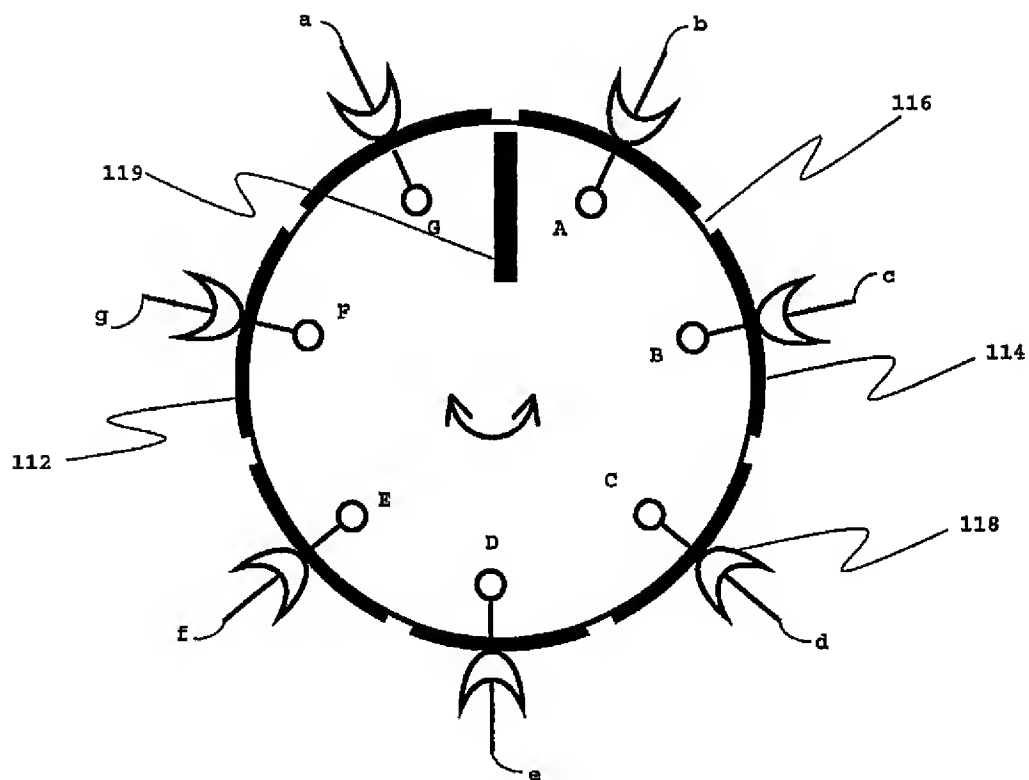


Figure 18A

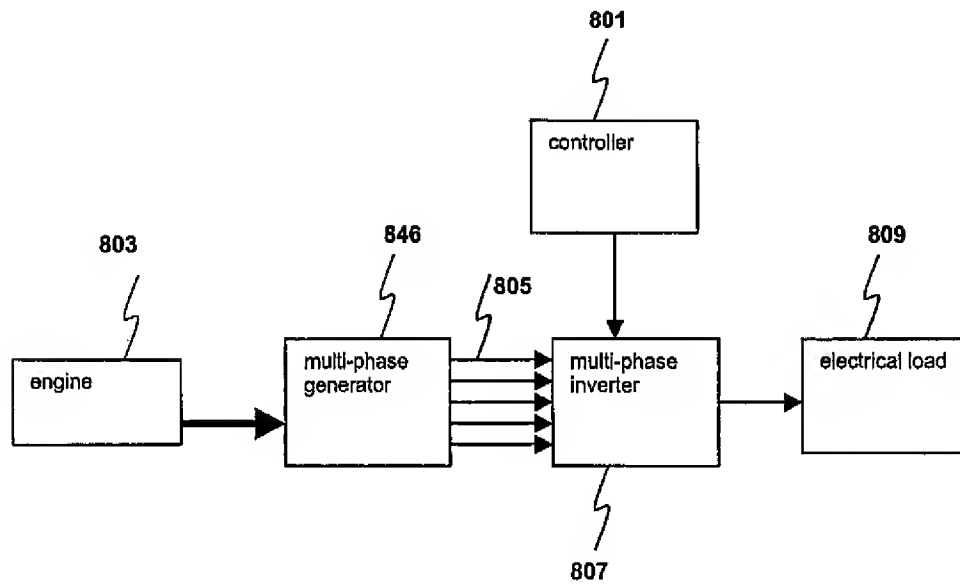


Figure 18B

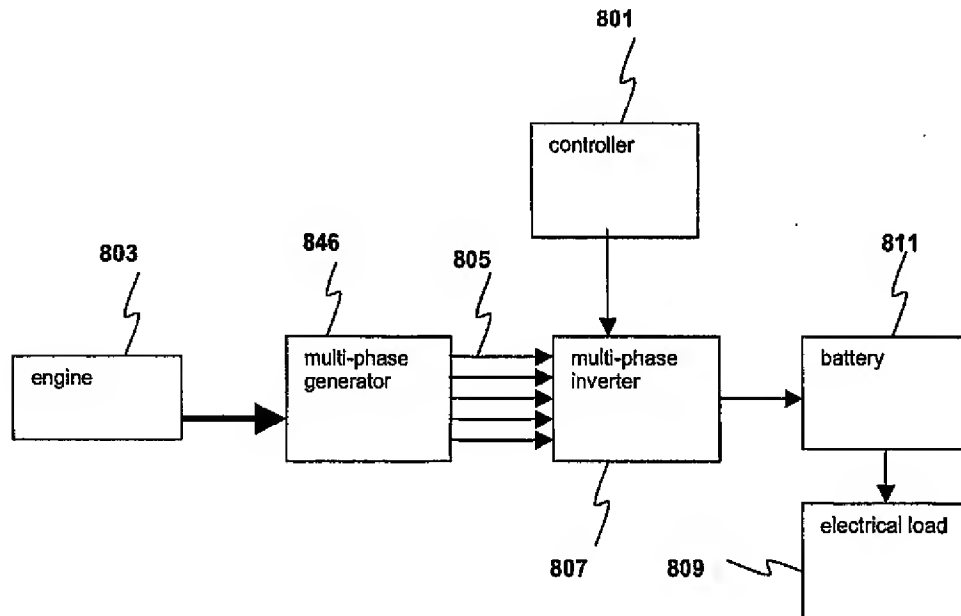


Figure 18C

